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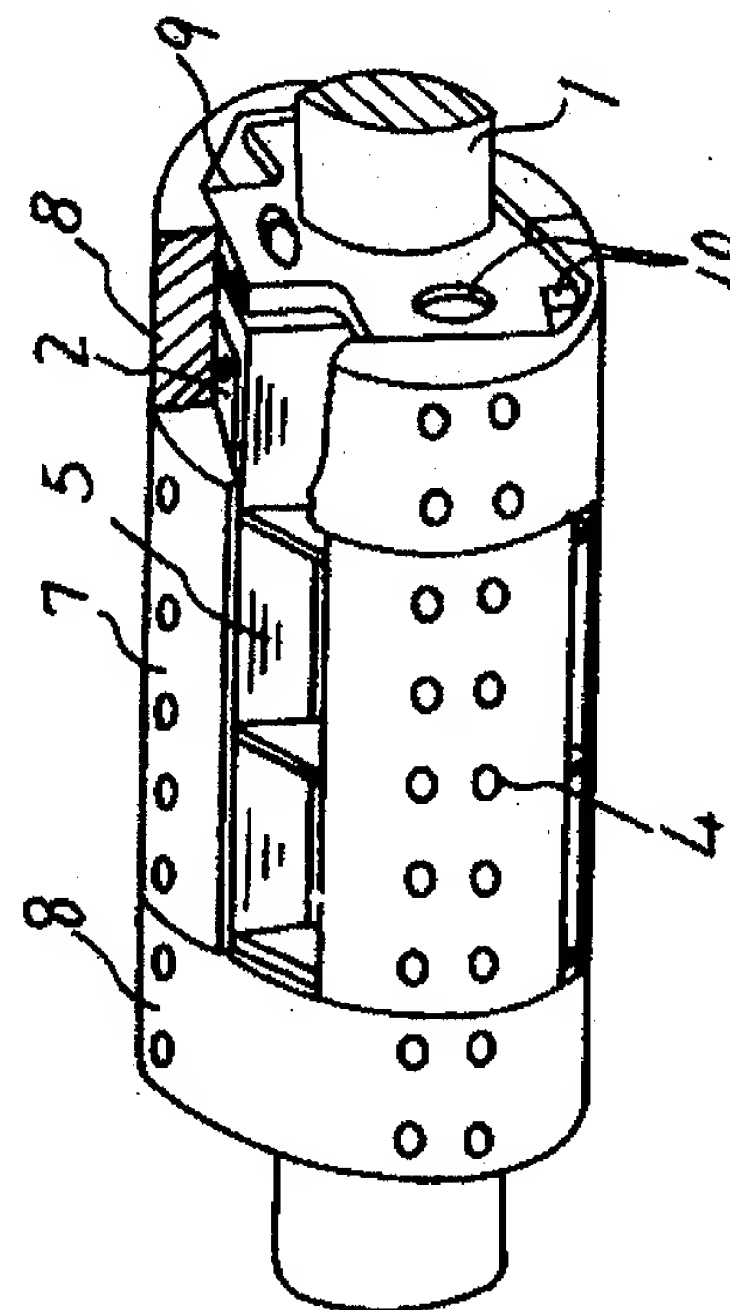
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TITLE : LUMP SALIENT-POLE TYPE ROTOR



ABSTRACT : PURPOSE: To improve mechanical strength of a pole head of a rotor of lump salient-pole type and maintain the draft cooling efficiency, by a method wherein the pole head is divided in the axial direction into center part and both annular and parts, and outside of both end parts is supported by a projection standing from the rotation shaft.

CONSTITUTION: A field coil 5 is wound on a pole shell 2 formed at a rotation shaft 1. A pole head is divided into three parts, i.e. a center part 7 and both end parts 8. Border of the center part 7 and the end part 8 is between a bolt at the axial end for tightening the pole head to the pole shell 2 and next bolt towards inside. The rotation shaft 1 is provided with a projection 9 having a draft passage 10 extending in the axial direction at both end parts of the pole. The cylindrical end part 8 is tightened and supported to the pole shell 2 and the projection 9 using a tightening bolt 4.

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